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Approved For Release 2000/08/29 : CIA-RDP79-01578A000100080006-6

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EQUIPMENT BOARD
MINUTES

Meeting Number 4-64 of the Equipment Board was held on 17 September 1964 in the OC Conference Room, 2D03, Headquarters Building. Those present were:



DD/CO
OC-O
OC-OS
OC-P
OC-T
OC-E
OC-S
OC-A
OC-SP
OC-OS

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I. OLD BUSINESS

None

II. NEW BUSINESS

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A. Agenda Item No. 1: Procurement of RS-50

1. Introduction

Prior to the meeting OC-OS had recommended, in a 15 September 1964 memorandum, to the Equipment Board Chairman that twenty-six (26) RS-50 carrier current system sets be procured in order to have a limited number in stock for use when needed. The RS-50 unit cost is \$1,937.64, the total procurement cost would be \$50,378.64.

2. Discussion

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In answer to a question, [redacted] stated that the procurement figure of 26 results from a long standing Radio Panel canvass of possible operational requirements, plus the desire to have a limited quantity available in OC stock both at Headquarters and overseas.

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[redacted] explained that eight (8) RS-50 service test models are presently on order and are not part of the twenty-six (26) production model total now under discussion. The production models will be essentially the same as the prototype/service model except that the number of controls will be reduced to simplify operation.

A general discussion developed concerning possible operational applications of the RS-50 [redacted] It was more or less agreed that the applications were somewhat limited; however, such a system might have occasional worthwhile need and the RS-50 development and procurement is therefore justifiable.

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3. Conclusion

It was decided to write a letter to the TRB recommending the procurement of twenty-six (26) RS-50 [REDACTED]

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B. Agenda Item No. 2: Procurement of AN/PRC-64 Transceivers

1. Introduction

[REDACTED] described the situation surrounding the immediate requirement for a small, compact, low power, voice and cw radio set for use primarily in Southeast Asia to satisfy OB (Order of Battle) reporting. A voice capability is considered operationally desirable and such capability is not available in any equipment presently available in OC stock. A number of meetings have been held concerning commo support in Southeast Asia with the FE Division of DD/P, and the point has been reached where OC must decide on a firm recommendation. It is estimated that 200 sets are needed for procurement; the AN/PRC-64, as manufactured by [REDACTED] is believed best suited for the requirement.

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2. Discussion

The members of the Board generally agreed with the requirement and selection of the AN/PRC-64, however, the question arose as to whether or not it could be afforded within the present FY-1965 budget. The AN/PRC-64 is expected to cost about \$1500 each which represents a \$300,000 total procurement figure if a special order is made to [REDACTED] by the Agency. The possibility of waiting for the Military to procure the AN/PRC-64 in quantity was discussed; it was believed, however, that at least a two year delay would result. As it is, a six to eight month procurement delay is expected with an Agency special order of 200 sets.

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[REDACTED] believed that the \$300,000 procurement cost could be somewhat offset during this Fiscal Year by the recent sale (to the Military) of a substantial quantity of RS-1 sets. [REDACTED] mentioned the possibility of the RS-100 procurement program being delayed into FY-1966 which might make additional funds available. It was also mentioned that a certain amount of the 200 sets could undoubtedly be sold to the Military from our procurement order.

[REDACTED] upon the request of the Chairman, agreed to explore with [REDACTED] the possibility of having the Military join with us now in the procurement of the AN/PRC-64. This exploration survey would be made prior to presenting the procurement request to the TRB in order that a complete and factual presentation could be made.

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3. Conclusion

Following the exploration survey with the Military, as mentioned above, a letter will be forwarded to the TRB requesting approval to procure at least 200 AN/PRC-64 transceivers.

C. Agenda Item No. 3: Discussion of Requirements for [REDACTED] Radio Equipment.

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1. Introduction

Over the years, especially in the Far East, requirements have continually arisen to provide voice radio communications to indigenous users within countries deprived of, or lacking, normal telephone facilities. The requirements, in the past, have been successfully met through the ad-hoc procurement by the DD/P Foreign Divisions of the [REDACTED] equipment (originally developed for [REDACTED] manufactured by [REDACTED]). Since the requirement for this type of communications support is expected to continue, not only in Asia but Africa as well, it is believed prudent to make a bulk procurement of [REDACTED] sets from [REDACTED] to obviate future project-by-project procurements and assure immediate availability for DD/P field requirements. The [REDACTED] line of equipment considered for the requirement is described as follows:

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Type TR-20: Power output - 20 watts, emission - AM (voice) "push-to-talk", frequency range - 30 mc to 40 mc, power requirements - 115 vac or 12 vdc, size - 12 $\frac{1}{2}$ " x 11 $\frac{1}{2}$ " x 6", weight - 20 lbs. Reliable voice communications up to ranges of 20 miles or more are claimed, depending upon terrain. The TR-20 [REDACTED] may be netted with the TR-5 for somewhat shorter range or with the HT-1 for contact up to 5 miles distance. Price, \$341.50.

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Type TR-5: Power output - 4 watts, emission - AM (Voice) "push-to-talk", frequency range - 30 mc to 40 mc, power requirements - 12 vdc, size - 8 $\frac{1}{4}$ " x 5 1/8" x 10 $\frac{1}{2}$ ", weight - 7 3/4 lbs. The TR-5 [REDACTED] Radio" is a single channel transceiver giving coverage of about 8 miles radius. Frequency range and mode of operation make the TR-5 compatible with the TR-20 and HT-1 when netted to a channel frequency. Price \$356.00.

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Type HT-1: Power output - 0.5 watts, emission - AM (voice) "push-to-talk", frequency range - 30 mc to 40 mc, power requirements - self contained size D flashlight batteries or external 12 vdc source, size - 11 $\frac{1}{4}$ " x 2 3/4" x 2 3/4", weight - 4 $\frac{1}{2}$ lbs. The HT-1 is a single channel, hand-held, transistorized, transceiver with telescopic antenna or provision for external antenna. Price \$155.00.

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NOTE: Type TR-35, similar to the TR-20 in appearance but giving a 35 watt cw capability in the frequency range 2 to 9 mcs is available at a price of \$420.87. The type SBT-20 transceiver is also available providing single side band voice and cw modes of operation in the 2 to 18 mcs range at price of \$525.00.

2. Discussion

The Chairman questioned whether it was necessary to procure bulk quantities of [REDACTED] sets since availability from [REDACTED] appeared reasonably rapid to support future requirements as they arose. [REDACTED] replied that this may be true, however, the Foreign Divisions have been appraised of the [REDACTED] sets from OC and generally look to us first when a requirement arises. If bulk availability is realized in OC stock, we would be assured of our technician familiarity, and spare parts, or set replacement capability when needed. This is not now the case.

It was generally agreed that the exact procurement quantity was difficult to determine, especially so since past requirements have been for as many as 50 sets at one time. This could repeat in the future and wipe out any decided stock level overnight. [REDACTED] stated that OS, in conjunction with the OC Foreign Divisions, would make a survey with DD/P to attempt to determine a realistic procurement figure. [REDACTED], with OC-E assistance, will also obtain more information on the procurement and availability status of the [REDACTED]

3. Conclusion

It was decided that the [REDACTED] line of equipment, as manufactured by [REDACTED] should continue to be used for the requirement as stated. Bulk procurement will be recommended to the TRB, but first OS will staff out pertinent details concerning quantities and types of equipments to be ordered.

There being no further business to discuss, the meeting was adjourned.

[REDACTED]
Acting Secretary

[REDACTED]
Approval

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